



Trust But Identify: An Introduction to the Department of Defense Automated Biometric Identification System (ABIS)

**A Presentation for the
Criminal Justice Information Services Advisory Policy Board**

**By
John D. Woodward
Director
Biometrics Management Office**

June 15, 2005

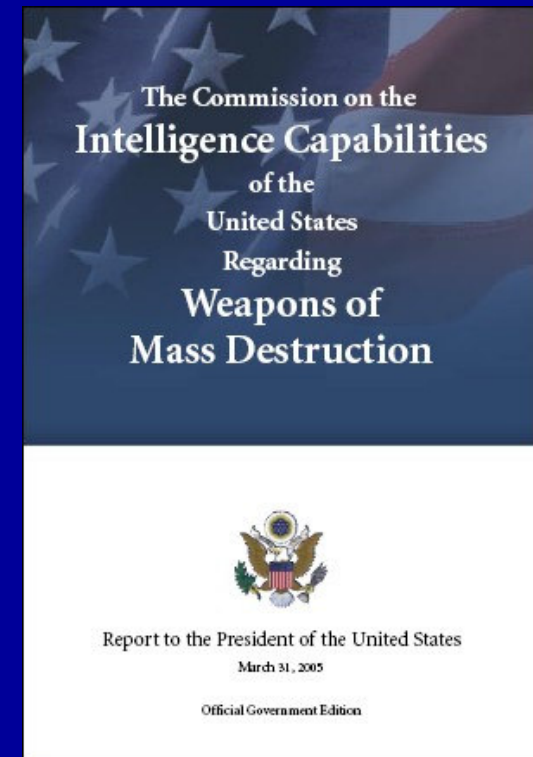
www.biometrics.dod.mil



Information Sharing Challenges

BIOMETRICS
DEPARTMENT OF DEFENSE

- ▶ “The Intelligence Community’s fragmented nature is perhaps best exemplified by the process in which its resources are directed to collect information on subjects of interest.”
- ▶ The process is:
 - “...left primarily to individual collection agencies”
 - Driven by “*ad hoc* requirements” from analysts, policymakers, and the military
 - Addressed only “episodically,” often through “personal intervention of the Assistant Director of Central Intelligence for Collection”
- ▶ Conclusion: “This is an unacceptable status quo”





The Counterterrorism Challenge

BIOMETRICS
DEPARTMENT OF DEFENSE

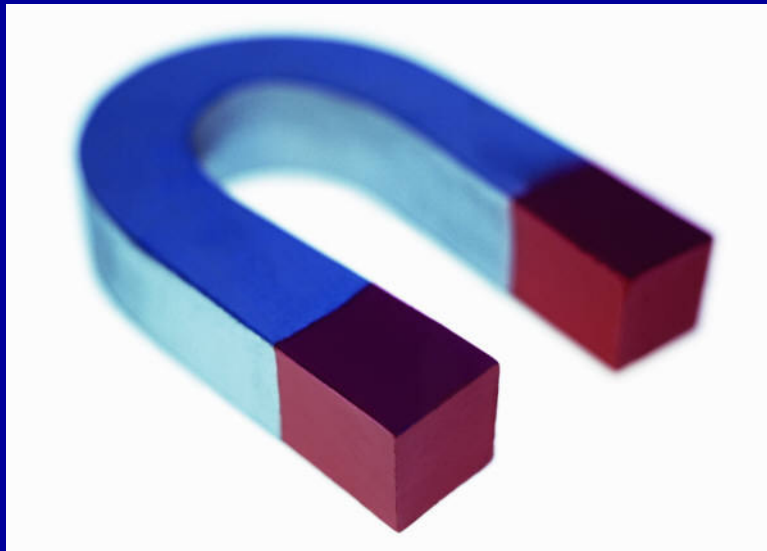
Finding a terrorist is like finding a needle in a haystack...





The Laws of Physics

But with a powerful enough magnet. . .



. . .You can find the needle.



A Solution

BIOMETRICS
DEPARTMENT OF DEFENSE

***Biometric technology
is the magnet !!***



Identity Dominance



Linked to

**Previous
Identities**

**Past
Activities**

- Previous identities
 - User of alias identities
 - User of alias “official” documents
- Previously detained?
- Previously arrested in U.S. or other countries?
- Matched to terrorist or crime activities?

Bottom Line: Using only names and official documents...

- We don't know.
- We won't know in the future.

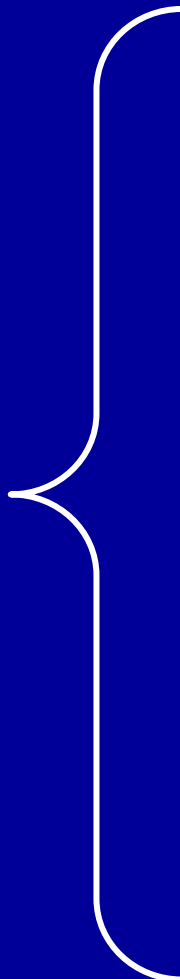
Paradigm Shift: We must leverage the power of biometric data.



Purposes of Biometric Data



**Biometric
Data**



**Force
Protection**

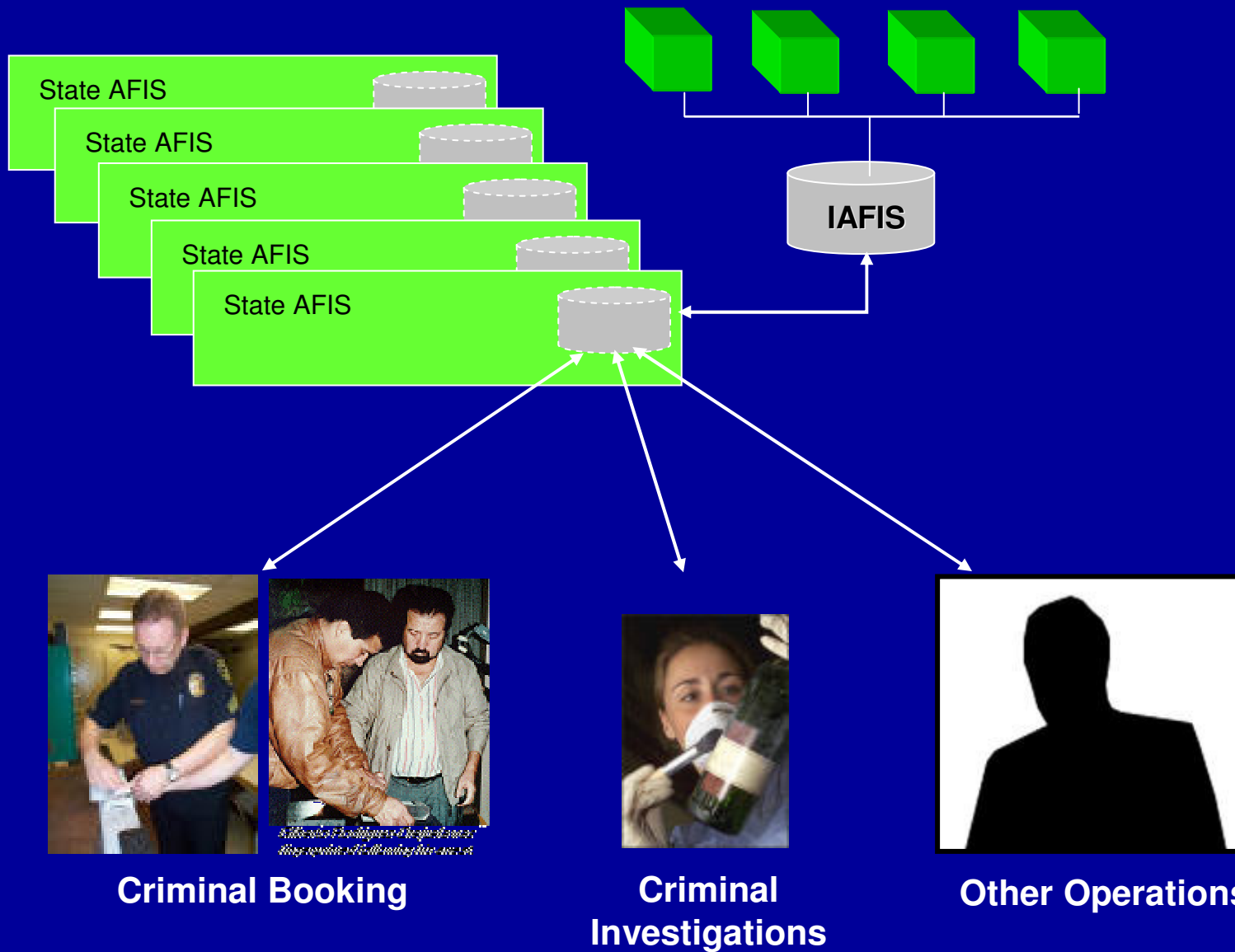
**Actionable
Intelligence**

**Law
Enforcement**



FBI's IAFIS Architecture

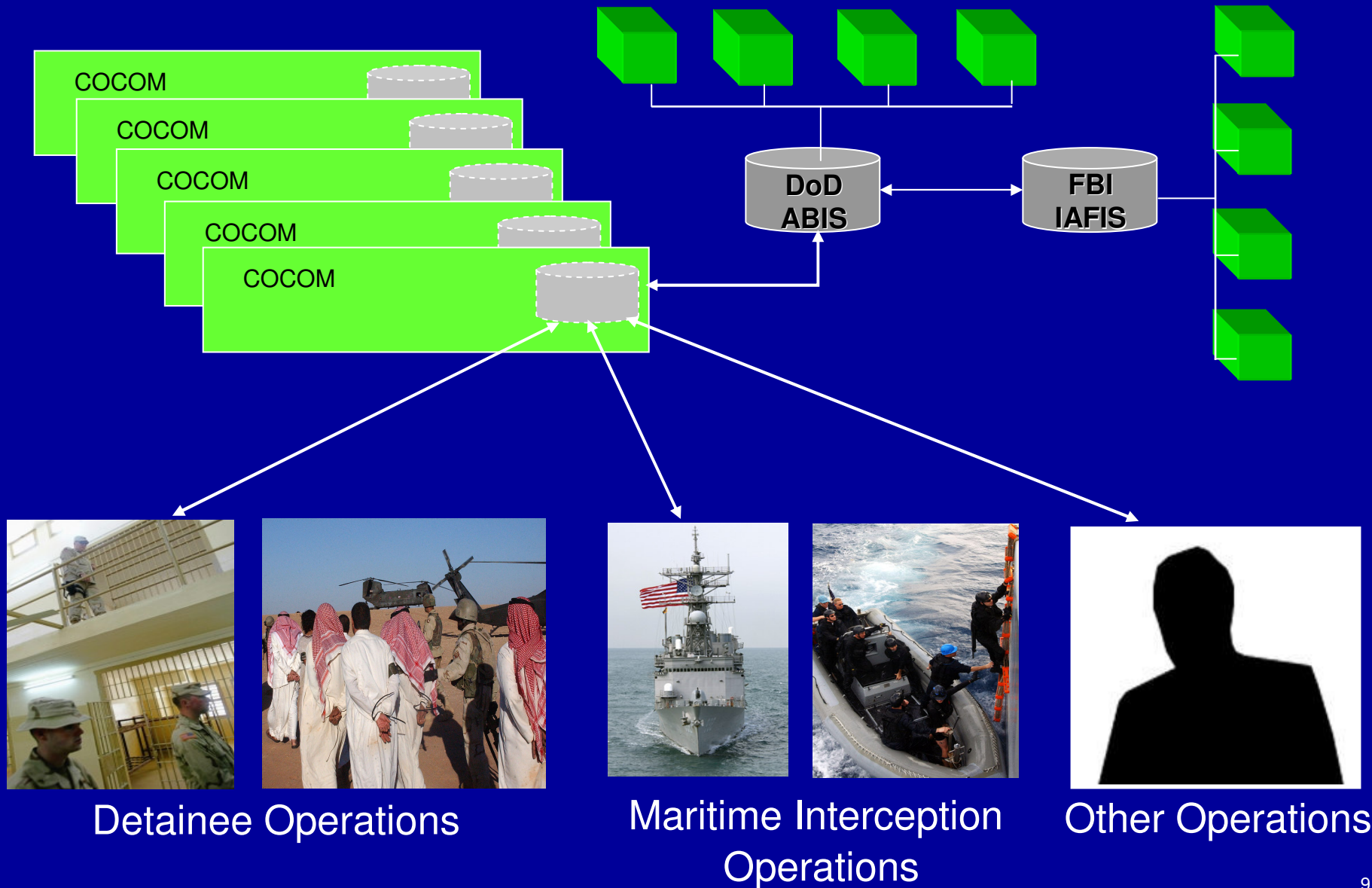
BIOMETRICS
DEPARTMENT OF DEFENSE





Conceptual DoD ABIS Enterprise Architecture

BIOMETRICS
DEPARTMENT OF DEFENSE





Summary

- ▶ Biometric technologies are an enabling tool in the Global War on Terrorism.
- ▶ Biometrics, and specifically the DoD ABIS, will improve the USG's ability to track and identify national security threats.
- ▶ To maximize this capability, USG must embrace the concept of identity dominance and act with a sense of urgency.



Contact Information

On 27 Dec 2000, the Deputy Secretary of Defense established the Biometrics Management Office and its subordinate unit, the Biometrics Fusion Center, to ensure that biometric technologies are integrated effectively into information assurance systems, physical access control systems, best business practices, and other DoD applications as appropriate.

www.biometrics.dod.mil

Biometrics Management Office

Director – John D. Woodward, Jr.

Became the BMO Director in Oct 2003, coming from the RAND Corporation where he served as a senior researcher. Previously served as CIA Operations Officer.

Phone: 703-602-5427

E-mail: john.woodward@hqda.army.mil

- ❑ Oversight
- ❑ Planning / Budgeting
- ❑ Policy & Standards Development
- ❑ Acquisition Process
- ❑ DoD Requirements Gathering
- ❑ Public Outreach
- ❑ Liaison with Other Organizations

Biometrics Fusion Center

Director – Sam Cava

Became the BFC Director in Dec 2003, coming from West Virginia University where he was Director, Forensic and Biometric Program Development. Previously served as an Air Force officer.

Phone: 304-326-3004

E-mail: sam.cava@dodbfc.army.mil

- ❑ Test & Evaluation
- ❑ Biometric Knowledgebase
- ❑ Biometric Product List Development
- ❑ Repository Management
- ❑ Industry/Academia Interface
- ❑ Common Access Card (CAC) Support
- ❑ Technical Expertise

Subscribe to the DoD Biometrics Newsletter at www.biometrics.dod.mil/subscription.aspx